

Insight one :

- The largest total population is in California state (38421464), followed by Texas
- While the lowest population is in Wyoming state (579679)

only one color is used to keep the focus on data without distraction

<https://public.tableau.com/app/profile/ahmed.mohamed.sabri/viz/Totalpopulationperstate/Totalpopulationperstate?publish=yes>

Insight Two :

- An obvious negative relationship between Average income per state and average poverty
- the Top 4 largest populations are in the middle regarding poverty and income
- Puerto Rico has the lowest Average income (17920) with the highest average poverty (49.37), This state seems to be outlier among all the other states

the color-blind pallet was used to distinguish the top 4 largest population states amongst the others

<https://public.tableau.com/app/profile/ahmed.mohamed.sabri/viz/Relationshipbetweenincomepoverty/RelationshipbetweenEmploymentTotalpopulation?publish=yes>

Insight Three :

- Men fraction of the population (number of men per total population number) is relatively close for all states ranging from 0.4736 to 0.523. The state that have the largest men portion is Alaska
- Although the numbers are relatively close, a Fun fact was found that almost all states on the east have lower values than 0.495 while the west has more men with most of the states having more than 0.5 as shown on the map

<https://public.tableau.com/app/profile/ahmed.mohamed.sabri/viz/Menfractionoftotalpopulation/Menfractionoftotalpopulation?publish=yes>

a dashboard containing all three drawings are also included, filter by state is also added affecting all three drawings. Also, Total population chart is used as a filter (for instance, if we want to see the lowest 3 states in population and its effect on men fraction, average poverty, and income)

https://public.tableau.com/app/profile/ahmed.mohamed.sabri/viz/Dashboard_16491608559190/Dashboard1?publish=yes

Another Dashboard was also created :

- containing average unemployment per state, average poverty rate, and black density across the united states
- It seems there is a relation between black people's distribution and child poverty rate and unemployment
- Except for Puerto Rico, in general as the black people distribution increase, child poverty and unemployment seems to increase as well

https://public.tableau.com/app/profile/ahmed.mohamed.sabri/viz/Dashboard2_16491876959890/Dashboard2?publish=yes